

Best Social Initiative of the year: WASH program

1. Describe the initiative. (Max 150 words)

The Group operates in a total of **27** tea estates in Assam Valley and West Bengal spread over a vast land mass of **225219.51** Hectares (252.2 Square Kms), directly supporting a resident population of **169945**. Well-being of this large resident population is our responsibility and we ensure their welfare through several health care delivery programs and primary amongst these is the **WASH** Program.

The fundamental pillars of the WASH program are -

- W → Water
- A → Air and therefore ventilation
- S → Sanitation
- H → Hygiene

A comprehensive Disease Tracking Chart generated from the Garden Hospitals helps us to identify problem areas in specific cluster of residential houses within the grant area of our estates depending on the type and number of patients. Once the problem areas are identified through the Disease Tracking Chart, the WASH program is implemented for Corrective Action. The WASH program is also effectively deployed as a preventive measure to improve the quality of lives of resident population.

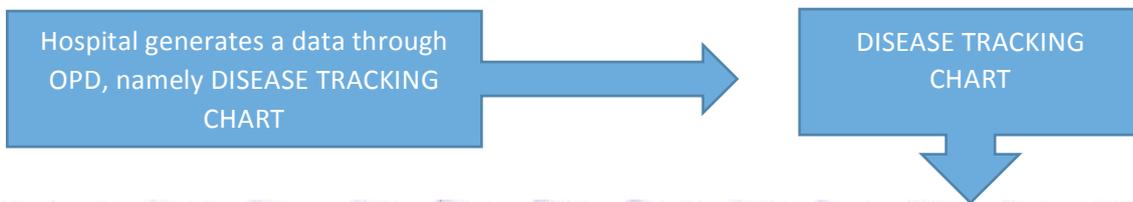
The WASH program is spearheaded in each tea estate by a team that consists of qualified:

- Medical Officers
- Welfare Officers
- Health Assistants
- Management Representatives

In effect, WASH is aimed at ensuring availability of good quality Water, improved ventilation in residential houses, good sanitation facilities and high standards of hygiene amongst to eventually ensure good health of the resident populace.

2. Articulate its objectives. (Max 500 words)

Extending the theory of PREVENTION IS BETTER THAN CURE, we have embarked on the WASH program, working of which is described in the following illustration:



GANDRAPARA TEA GARDEN
LINE WISE DISEASE TRACKING
MONTH: July YEAR: 2017

LINES	MALARIA	DIARRHOEA	DYSCENTRY	GASTRO ENTERITIS	RESPIRATORY TRACK INFECTION	VIRAL FEVER	SKIN DISEASE	OTHERS	POPULATION
BARALINE	0	142	188	94	128	150	88	174	+2
	0	263	419	194	643	492	190	2028	3481
GUDAM LINE	0	110	146	66	125	138	57	1482	-1
	0	212	357	195	641	412	185	6794	2724
TIN LINE	0	53	71	28	70	68	19	1019	-1
	0	164	180	112	392	362	101	4735	1958
DUDUMARI	0	12	13	12	17	52	17	418	0
	0	35	71	49	139	192	43	2517	407

Su 22/6/17
SIGNATURE OF SMO/MO
Dr. S. Chatterjee
M. B. B. S. (Cal.)
Road No. 48/16 (W.B.)
Sr. Medical Officer
Gandrapara Tea Garden

Disease Tracking Chart



The Health Assistant visits residential areas periodically in accordance with a Welfare calendar/routine and identifies lacunae that might exist in these four areas viz., Water, Air, Sanitation and Hygiene and record them for remedial measures and corrective action immediately.

60 to 70 % of the sickness generated in the residential areas are directly linked to the lack of awareness of having proper household ventilation and maintaining personal hygiene on a daily basis.

Members of the management and the entire health and welfare team continually trains the residential population on the essence of good personal hygiene through Health Camps.

Viral fever is a common ailment among the resident population. Traditionally, during illness, residents neither bathe or sponge themselves nor do they change their clothes daily. These are only done once the fever disappears. Through the WASH program, residents are explained by the health and welfare team that by not undertaking these activities, the patient exposes himself/herself to the development of secondary infection which happens due to bacterial overgrowth on the body skin surface and which get exacerbated, with the intermittent sweating that happens during the course of the disease. So daily sponging or bathing and change of clean clothes will definitely give the desired outcome of reduction of sickness and promoting good health.

Additionally, patients attending OPD with fever are generally coming from pockets in the lines and from the same houses in most cases. Lack of ventilation perpetuates the existence of the viral fever and therefore it becomes imperative to ensure proper ventilation in all the houses. The Health and Welfare team sensitizes the populace with relevant information and live examples of the different pockets in the residential areas. Since, the program involves behavioral and sociological changes in the long run, we have involved women folk on the estate, grouped and named MOTHERS' CLUB to disseminate information the populace.

PLEASE SEE NEXT PAGE





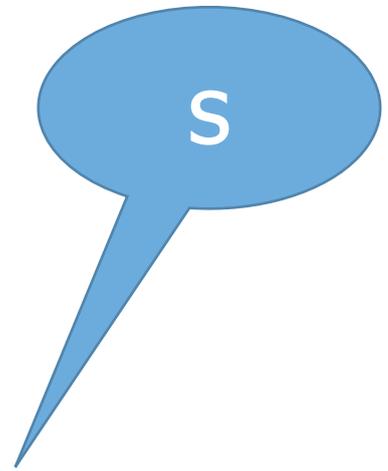
A



Improving air quality inside workers' houses (VENTILATION) by installing chimneys in kitchens



Improved ventilation in workers' houses







Health & Hygiene awareness camps in worksites/schools and workers housing areas.



WASH Control & Monitoring

HARMUTTY TEA ESTATE
REPORT ON WASH PROGRAMME 1ST PHASE

PERIOD: Oct-16 TO Dec-16 HARMUTTY 2 NO. LINE Q/ NO: 1-61

TOTAL LABOUR QUARTER : 61
TOTAL PERM WORKER : 78
TOTAL POPULATION : 466

WATER

(i) Water point : 16 (SANCTION FOR 1:1 Ac. CE-2016)

(ii) **TUBEWELLS**

(a) Nos. of Company Well: 5 (b) Nos. of personal Tube Well: 4
(c) Nos. of Tube Well: 2 (d) Nos. of Tap: 5

CHLORINATION

Starting Date: 05-10-16 (a) Not done (b) Balance: 27-12-16
Platforms: 5 Nos. in good condition To be repaired: Nil Nos.:

WATER FILTERS

(a) Nos. of families using water filter as per register: 4
(b) Balance to motivate: 57 Nos.

DRINKING BOILED WATER

(a) Nos. of families Drinking Boiled/ Filtered water: 61
(b) Balance to motivate: x

ANALYSIS OF WATER SAMPLE DONE

YES/ NO Date of Analysis: 26-04-16 Due Date for next sample: APR,17

AIR

WINDOWS/ VENTILATION

Exposed windows/ Ventilation of quarter done in Nos. 53
Nos. of quarter using CFL bulbs/LED: 61 Nos.

FRUIT TREES

Nos. of quarter having fruits trees: 53
Old type Chimney for kitchen in use: 2 Nos.
Balance to be done: 57 New Type chimney in use: 2

SANITATION

(a) **LINE SANITATION**

Stagnant water found in: 2 No. line Near the house No. 24 & 25
Cleaning to be done: 21-10-16
Cow Dung to be removed: 2 No. line Road Side

Work Done

DDT/Deltafog/Fogging spraying starting Date: 18.10.2016 To 27.10.2016 (Delta Fog spraying by Fogging Machine)

Next spraying due on: _____
Malvial Oil spray starting Date: _____
Next spraying due on: _____

(b) **HYGIENE**

LATRINE

Latrine Total Nos. Existing: 61 Under construction: Nil
Nos. of families using existing latrine: 61
Nos. of latrine cleaned: 57 Balance: 4
Nos. of usable latrine: 57 Nos. of unusable latrine: 4

IN THE QUARTER UNDER WASH PROGRAMME

of pigs as on: 38 Nos. Previously: 46
Notice Issued to remove pigs to: 20 Quarters
Notice given to: 23 Quarters

OF FAMILIES USING PITS FOR WASTE AND BIN PLASTIC (NON-DEGRADABLE)

permissible distance) of pits: 42 Balance: 19 Nos. to motivate: _____

HEALTH & HYGIENE

COLIN 2 NO. LINE

of student attended: 213 And % of attendance: 71.36
Age Student: 6 LP/ME/High School: 44
out Student Action: 4 Action taken: Motivated

MOBILE CRECHE

Children attended: 20 Nos.
Children suffering from any epidemic water borne disease: Yes/No
please collect his/her house No & report to the Sr. M.O. immediately
of food given in the Creche Milk and Channa/ Biscuit
the Creche placed in: NIL

OF HEALTH AWARENESS PROGRAMME DONE

Date of H/W programme held: 16.09.2016 3 Nos.
16 Global Handwashing Day
16 Sound Pollution
16 World AIDS Day

UNAUTHORISED SHOPS

Are any rotten fish sold: Yes/ No ✓
Are any open Jung food sold: Yes/ No ✓
What action have you taken: _____

DOM CHECKING OF CENSUS IF ANY

	Signature	Yes/No	Remarks
Assistant			
Welfare Officer			
Medical Officer			
Manager			

OF FAMILIES HAVING COWSHED AT A PERMISSIBLE DISTANCE

Nos balance to motivate to shift cow shed at a permissible distance: 18 Nos.

TRACKING CHART

House No. _____ Enclosed